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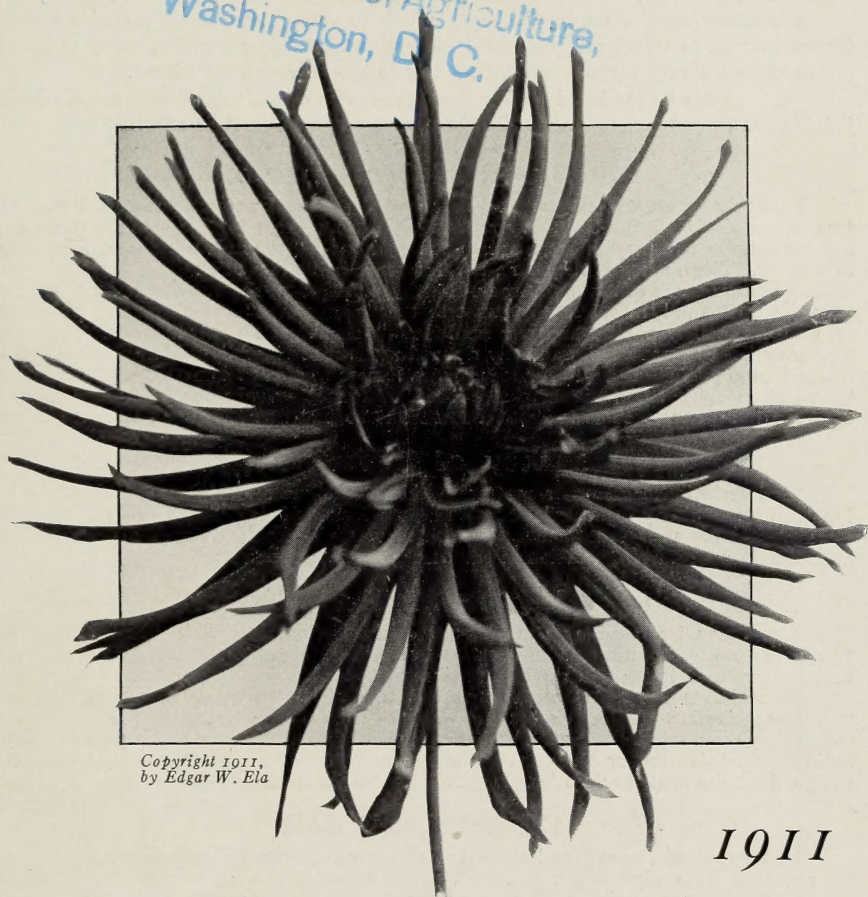
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Mr. Reuben

Ela's Dahlia Catalogue

and Cultural Guide

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1911

EDGAR W. ELA, Dahlia Grower
WOBURN, MASS.

Field Roots, versus Pot Roots and Plants

The large number of orders received from both amateur and professional gardeners, calling for large field-grown roots, betokens a widespread preference for this kind of stock. While pot-grown roots may, with judicious treatment, make good plants, they do not push the plant along as fast as strong field roots of larger size, and require a longer season in which to accomplish the same results, a fact of vital importance to those planting in localities frequented by early frosts. They are easier to handle than large roots, and occupy comparatively little space, a matter of grave importance, of course, where rents are expensive and space is valuable.

The same remarks apply with equal force to most varieties of rooted cuttings (green plants), to which may be added the very serious objection that many varieties fail to make a clump of roots of sufficient size to keep through the winter.

Cuttings can be produced for less than one-fourth of the cost of field roots, which, judging from my own experience with them, about represents their relative value.

Strong Field-Grown Roots

I supply strong, field-grown roots only, graded in two sizes and listed at two prices. The first size, heavy roots, weigh from three to five pounds per doz.; the second-size roots weigh from one to one and one-half pounds per dozen, according to variety. The quality is the same, the difference being in size only.

My entire stock consists of strong, healthy, field-grown roots, suitable for the most exacting trade, and, in striking contrast to the "peanut-size" stock sent out by many seed-houses, poorly packed and represented as "just as good" as field roots. They are well grown, slowly matured, and fully ripened without forcing. This is the kind of stock which I supply to discriminating, exacting customers who want something a little better than the cheapest thing the market affords. **I do not supply pot roots nor rooted cuttings. I guarantee every root I send out to be alive and true to name.**

Accuracy of Descriptions

All descriptions and other matter in this Catalogue and Cultural Guide will be found to be as nearly in accordance with actual facts as it is possible to write them in the limited time and space usually allowed to matters of this kind; great care having been taken to avoid exaggeration in the description of varieties.

Selection of Varieties

Should you feel unable to make your own selection, I shall be pleased to assist you to the best of my ability. And, while I cannot guarantee results, I will exercise my best judgment and give you the benefit of my knowledge and experience.

My intimate knowledge of the characteristics of the hundreds of varieties I grow usually enables me to select classes and varieties eminently suitable for the purpose for which they are wanted. It should, however, be distinctly understood that a poor location, indifferent cultivation or an unfavorable season will always correspondingly discount the good results that would otherwise probably accrue from a wise selection.

Climate and Soil

On account of the soil and climatic differences often existing between places not far removed from each other, it sometimes happens that a variety will not succeed equally well in both places. And, as it is impossible to foresee results of this kind, disappointment may sometimes follow what was intended to be a good selection.

Whenever any meritorious variety fails to do itself justice, such failure may usually be properly ascribed to any one or more of the causes mentioned above. Therefore, in the event of my sending you any variety of my selection that does not "live up to its reputation," I trust that you will be charitable enough to kindly attribute this fact to conditions beyond my control.

A Request. Kindly request your friends, to whom you may recommend me and my Dahlias, to mention your name in their first order, and I shall be pleased to remember you with some choice varieties in return for your kindness.

Classification of Dahlias

Dahlias are divided into two divisions, double and single, and each division is again divided into classes, or sections, according to size, form of flower and arrangement of colors.

DOUBLE DAHLIAS are divided into the following sections: **Show, Fancy, Pompon, Decorative and Cactus.**

SHOW DAHLIAS. These are large, compact, double to the center, and very regular in outline, as though grown in a mold, while in many varieties the petals reflex to the stem, form a perfect ball. The flowers are all either solid, self-colored or edged, tipped or shaded darker than the ground color.

FANCY DAHLIAS. This section is identical in form with that of the Show Dahlia, but it is quite distinct from that class in the arrangement of its colors, the flowers being tipped or edged lighter than the ground color, or splashed, striped, penciled, mottled and variegated in every conceivable manner. They are, as a rule, quite variable, and often show but one color. They will "throw" fancy flowers in some localities and solid colors in others, with no apparent cause.

POMPON DAHLIAS. This class is also identical in form with that of the Show and Fancy sections, differing only in the size of its flowers, which are too small to be included in those sections.

CACTUS DAHLIAS. This class is of comparatively recent introduction and is entirely distinct from any other class. The flowers are loosely and artistically formed, the petals, as a rule, being long and tubular; the edges being rolled or folded backward instead of forward, like those of the Show, Fancy and Pompon sections, until they nearly, and in some varieties, actually meet throughout their entire length, ending in a point or a fluted termination. Some varieties have nearly straight petals, and others are gracefully incurved.

DECORATIVE DAHLIAS. The flowers in this section have long, broad, flat and nearly straight petals, though in a few varieties the petals reflex to the stem. They resemble, in some degree, some of the older forms of the Cactus Dahlia, but on account of the flatness of their petals and the absence of the backward roll, which characterizes the Cactus Dahlia, they are designated Decorative.

SINGLE DAHLIAS. These have but one row of petals, usually eight, and embrace the full range of colors, and in form are quite as varied as the double varieties, some having broad, flat, overlapping petals and others long, narrow, twisted and pointed petals, like the Double Cactus Dahlia.

Substitution

In case the stock of any variety ordered is exhausted, customers will please say whether I shall substitute with a similar variety of equal or greater merit, or ship the order partly filled.

It is always well to allow a little latitude in the filling of an order, unless one is very particular, by naming a few extra varieties with which to substitute, if necessary, which often saves considerable valuable time and correspondence.

Always give name of express, if any, as well as post-office, which leaves it optional to ship prepaid shipments as circumstances may demand.

Prices of First-Size and Second-Size Roots

The prices quoted in this Catalogue are for cash with order and include free delivery only when orders are accompanied by cash or received before shipment, and made up at the **regular list prices.** When cash is received with order, the dozen rate of each variety will be only ten times the price of a single root; any six varieties at the dozen rate. **Special prices quoted on collections of one hundred or more. When the selection is left entirely to me, orders, for any class, will be filled at a very liberal discount from list prices.**

The following schedule shows the relative difference between prices of first- and second-size roots. The prices quoted above the line are for first-size roots and those directly beneath are for second-size roots of the same variety.

15 cts.	20 cts.	25 cts.	30 cts.	35 cts.	50 cts.	60 cts.	75 cts.	\$1.00	\$1.50
10 cts.	15 cts.	18 cts.	20 cts.	25 cts.	35 cts.	40 cts.	50 cts.	75 cts.	\$1.00

In order to avoid needless repetition, the prices of first-size roots only are quoted in the following pages. Customers desiring second-size roots have only to consult the schedule on page 3.

REMITTANCES. Make remittances by Post-Office or Express Money Order, Registered Letter or Bank Draft. Stamps (one- and two-cent) in amounts less than one dollar accepted as cash.

TERMS. Cash with order, or before shipment, except from customers of approved credit.

Cultural Notes

Select rich, deep soil, avoiding shady places and close proximity to large trees, and make it fine and mellow by plowing or spading a foot deep or more where the plants are to stand. Plant Cactus, Decorative, Show, Fancy and Single varieties 3 to 4 feet apart, and Pompons 2 to 2½ feet apart in the row. Lay the roots flat, not on end, and should the soil be heavy or wet, cover the roots with clear sand, using enough to completely cover the crown end. This operation will very materially decrease the percentage of failures which might otherwise occur by too early planting in cold, wet soil.

This precaution, however, is unnecessary on light soils where drainage is good or on soils that have become thoroughly warmed and comparatively dry. Plant 4 to 6 inches deep and cover the roots from 1 to 2 inches deep at time of planting. Allow but a single stalk to grow in a place, and when this is well above ground draw the soil in around it gradually as it grows until the ground is level, but do not hill up. Keep the surface free from weeds, fine and mellow all the time, by stirring the soil frequently and thoroughly. Never allow a crust to form around the plants. If necessary, water thoroughly once a week, not oftener, taking care not to wet the blooms, and stir the soil the next day. Cease all deep cultivation before the plants come into bloom, and do not again stir the soil deeper than 1½ inches. When the plants begin to bloom, a heavy mulching of fine, decomposed stable manure will be very beneficial. It will not only help to make fine, large flowers, instead of foliage, which often happens when the soil is made too rich at time of planting, but will prevent evaporation and keep the ground free from weeds. In the absence of manure, a small handful of bone-meal and nitrate of soda—four parts bone to one part soda—finely pulverized and thoroughly mixed, spread uniformly around the plants, covering a space of 1½ feet or more in diameter, and stirred lightly into the soil, will give excellent results in an increased size of flowers; but it should not be used until the flowers begin to decrease in size. The best results are obtained only by fertilizing and cultivating freely, thoroughly and intelligently, the results usually being proportionate to the degree of intelligence used and the effort expended in cultivation, contingent, of course, in some degree on climatic conditions. Tall varieties may be dwarfed about one-third in height by pinching off the top of the plant just above the upper set of leaves when it first comes through the ground, which forces it to branch at the surface instead of running up into a single tall stalk. This operation may be repeated several times on the new branches as they make new growth. Stake securely as a protection against the wind. As a preventive against cutworms, use a small handful of slaked lime around each plant as soon as it comes through the ground.

Dahlias should not be planted until the ground has become thoroughly warmed. When the weather becomes settled and warm, usually about May 15 in this latitude, the Dahlia makes a rapid growth and usually proves more satisfactory than when planted too early. Nothing whatever is gained by planting in advance of favorable conditions, and, then again, being a fall flower, plants that come into bloom the latter part of August will have better flowers the rest of the season than those that come into bloom in July. Dahlias may be planted in this section from May 15 to June 15, according to varieties, location and the purpose for which they are wanted.

THINNING AND DISBUDDING. Some varieties of Dahlias require thinning and disbudding to produce the best flowers. Varieties having an excessive amount of foliage and small growth should have a considerable part of their branches removed, while those having more buds than can be properly developed or matured should be disbudded. The operation in no way endangers the plants, and any one can do it. Thin and disbud if necessary, moderately or severely, as conditions may seem to require. Comparatively few varieties require this treatment unless very large flowers are wanted, and Pompon and Single Dahlias rarely, if ever. There are, however, quite a few fine varieties that do require thinning in order to produce a fair amount of bloom.

LIFTING THE CLUMPS AND PACKING FOR WINTER. Immediately after the plants are killed to the ground by frost, lift the clumps, and, after removing the loose

clump and pack, not too closely, in boxes or barrels and store in a frost-proof place where extremes of temperature may be avoided. A high temperature, with little or no moisture in the air, will not only result in shriveling most varieties, which somewhat impairs their vitality, but will start them into growth too early in the spring; while a temperature close to the freezing point—32 degrees above zero—with an excessive amount of moisture is even worse, and, if allowed to continue for several weeks, is almost certain to prove fatal to most varieties, by causing them to rot. A cellar in which there is a moderate amount of moisture, with a temperature of about 45 degrees, will usually give good results with most varieties. A covering of dry coal-ashes, sawdust, earth or sand—the two latter preferred—will usually prevent the roots from shriveling, by excluding the air and preserving a more even temperature. Be very careful however not to cover any clumps not perfectly dry.

A close, plastered room constructed so as to hold all the moisture, but with proper means for ventilation, will give best results, as it is easier, in such a room, to maintain a uniform degree of temperature and moisture, the two essential factors to be considered in keeping roots through the winter.

When temperature and moisture are right there will be no need of covering the roots with anything.

In storing roots in an open cellar in which temperature and moisture are not easily regulated, they may be placed in boxes or barrels and covered with any dry material as directed above.

Another way of storing them, which has always been very satisfactory with me, is to place them in piles—elevating them a few inches from the bottom of the cellar as a matter of precaution—and covering them with paper, oil-cloth or any other material that will keep the moisture from evaporating. There will be moisture enough in the pile to keep the roots in fine condition if it is not allowed to escape.

It will be well to look at the roots several times during the winter, as it is a pretty safe guess that if the pile is large, there will be something in it that will need attention before spring.

When the crowns are found to be moist or are beginning to decay, the infected part should be scraped off clean and freely dusted with dry slaked lime and then placed in a temperature of about sixty degrees for twenty-four hours, after which they may be returned to the pile and will probably require no further treatment.

Varieties having very large, soft stalks should be split in halves, which will allow the stalk or crown to dry out and become woody, in which condition they keep much better than when packed away undivided.

It should be borne in mind, however, that rules should not be followed blindly; they all need adjustment to circumstances.

Even the strict observance of all rules for the keeping of roots through the winter will not avert occasional disaster to some of the less hardy varieties.

But good rules—the result of long experience—furnish a starting-place for the beginner and often prevent him from starting wrong.

Suitable Varieties for Decoration

For cemetery decorations, exposed as they are to the sun, wind and rain, no classes will keep so well nor retain their freshness so long as the Show Fancy and Pompon classes, many of which will, under favorable conditions, keep a week in fairly good condition; while some of the other classes, splendidly adapted to indoor decorations, would prove far less desirable under such trying conditions.

When double Dahlias are wanted, the Cactus and Decorative classes are best for general decorations. Nearly all of the Decorative varieties are good for cutting, and many of them are simply superb, being more artistic, less set and formal in appearance than are the Show and Fancy varieties.

The Cactus varieties, as a class, are now considered the grandest of all the double varieties in elegance of form and color; and while it is true that there are many varieties in this class utterly unsuitable for cutting, it is equally true that there still remains a fairly good list from which to select varieties that are admirable for this purpose.

Single Dahlias are especially valuable for cut-flowers and decorations for nearly all occasions for which flowers are used, and for many purposes are far preferable to any of the double varieties, as most of them grow on long stems, are dainty, graceful and extremely beautiful, and, furthermore, are capable of artistic results to a degree almost beyond conception.

Mistakes

Notwithstanding all efforts to guard against mistakes, they will sometimes occur. Customers are requested to report such promptly, together with reasonable proof, so that they may be corrected without delay.

How to Keep Cut Blooms of Dahlias

Cut the flowers in the early part of the day if possible, especially Cactus, Decorative and Single varieties, and plunge the stems at once, nearly their entire length, into water as hot as can be borne by one's hand. Let them remain in the water until it cools, after which they may be placed in cold water in the usual manner, but with the addition of a quarter-teaspoonful of salt to a quart of water. When the stems are particularly hard and wiry, water near the boiling point may be safely used with good results. Freshly cut flowers, treated as above, will keep considerably longer in good condition than when treated in the ordinary manner. Flowers that may have become wilted are always greatly revived, and when their condition is not too serious, are often entirely restored in appearance by this treatment. Try it and be convinced but do not make the mistake of submerging the flowers nor the foliage, but regulate the depth of water to the length of the stems.

Visitors Are Welcome any Day of the Week

Woburn is located on the southern division of the Boston and Maine railroad, 10 miles from Boston. Leave train at Central Square; route, Eaton avenue and Fryeburg road. Electric cars of the Boston and Northern street railway, North Woburn and Boston, pass within seven minutes' walk of the field. Leave car at Eaton avenue and proceed as above noted. Cars on this line make connection at the Sullivan Square terminal, Boston, with the Boston Elevated. Fare from any part of Boston, 10 cents. Carriage service at Woburn station.

The height of all Dahlias herein noted is the average height of varieties grown under favorable conditions, and consequently they will vary accordingly in height and size with the varying conditions of soil, climate and cultivation.

Unlisted Varieties

In addition to the varieties herein listed, I have a large number of unlisted sorts, good, bad and indifferent, that have been given from one to three trials.

The meritorious sorts that prove a distinct improvement over older varieties, will be listed as soon as a stock, sufficient to meet the probable demand, is accumulated.

New England Dahlia Society

All persons interested in Dahlias and wishing to keep in close touch with all matters pertaining to the Dahlia are advised to join the above Society. The membership fee is one dollar per year, including "The Dahlia News;" a monthly publication of the Society. Address all communications to the Secretary, IRVING N. HOLBROOK, 185 Middle street, Braintree, Mass.

MR. EDGAR W. ELA,

Dear Sir:—Allow me to thank you for the collection of Dahlias received and also to compliment you for the way they were packed. I shall certainly remember you and recommend you to my friends.

Yours very truly,

MILTON, MASS.

SAMUEL J. GORDON.

MR. EDGAR W. ELA, Woburn, Mass.

Dear Sir:—I herewith inform you that I received the collection of Dahlia roots all O. K. I wish to thank you for the fine selection you sent me. Should I desire anything in your line again, I certainly shall take pleasure in informing you of my wants. Wishing you success, I am

Very truly yours,

CANTON, OHIO.

JACOB WEBER.

Cactus Dahlias

Including New Varieties—Those of Recent Introduction and the Best of the Standard Varieties

Ajax. A very large, bold flower; orange, suffused salmon and buff. 5 ft. 25 cts.

ALABASTER. Pure white; a medium-sized flower of beautiful form with narrow, pointed petals and always full to the center. This is the best blooming white Cactus I have ever grown, being nearly if not quite the equal of Countess of Lonsdale. 4 ft. 60 cts.

Alpha. White, speckled and striped purple, crimson and lilac. 4 ft. 25 cts.

Ambassador. Pure white; flowers carried well above the foliage on stiff stems. 4 ft. 35 cts.

Amos Perry. Bright scarlet; distinct from all others of its color; very free-flowing and a fine garden variety. 4 ft. 25c.

Artus. Orange-buff; a large, fine flower of good Cactus form. 4 ft. 20 cts.

Auguste Nonin. A splendid large flower of the massive Cactus type and of excellent form; color clear scarlet. 4 ft. 25c.

AURORA. One of the most beautiful varieties in cultivation. The center is cream-colored, shading to amber, then pink and terminating in a white tip; an ideal flower. 3 ft. 60 cts.

Beatrice. Pale rose, shaded lighter toward the tips; large, fine flowers. 5 ft. 20 cts.

Bessie Mitchell. Yellowish orange, suffused with salmon or pinkish red; a large, finely formed flower. 3½ ft. 20 cts.

Bornemann's Liebling. Soft rose-pink, with white center; beautiful. 4 ft. 30c.

Britannia. A delicate shade of soft salmon-pink and apricot. 4 ft. 20 cts.

Canary. Clear canary-yellow; a large, finely formed flower. 5 ft. 50 cts.

C. E. WILKINS. Clear salmon-pink, overlaying yellow. A bold, beautiful flower. 5 ft. \$1.

Charles Burgess. A large fine flower borne on fine stems; color a pleasing shade of scarlet. 4 ft. 35 cts.

Charm. A very charming variety and most appropriately named. The base of the petals is yellow, shading to bronze-red at the center and usually—though not always—terminating in a white tip. Petals extra long and narrow. 3 ft. 30 cts.

Clara G. Stredwick. Clear bright salmon, shading to yellow at base of petals. Splendid large blooms. 3 ft. 25 cts.

CLINCHER. White center shading to heliotrope at tips. A large flower and indispensable for exhibition. 4½ ft. 75 cts.

Clio. Pale salmon ground, suffused and tinted carmine; good for garden or exhibition. 4 ft. 25 cts.

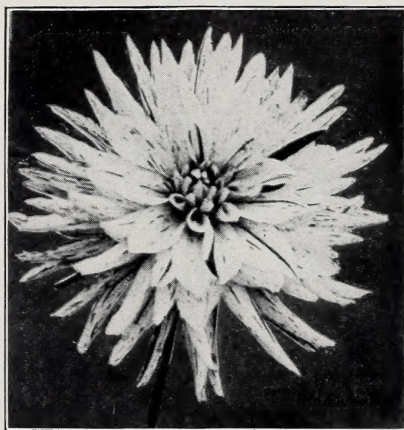
Cockatoo. White shading to light yellow at center; very distinct. 4 ft. 35 cts.

Columbia. Bright vermilion, with center and tip of florets pure white; a magnificent flower. 4 ft. 25 cts.

Comet. Beautiful silvery rose, lightly speckled and striped with crimson. A magnificent flower, evenly and deeply incurved. 4 ft. 25 cts.

Corollina. Soft Indian-red. A splendid, large flower with every good quality; quite distinct and indispensable for exhibition. 4 ft. 30 cts.

Countess of Lonsdale. An exquisite shade of rich salmon-red; splendid bloomer. Fine for cutting. 3 ft. 20 cts.



Duc d'Orleans

CREPUSCULE. Pale orange center, with outer petals shaded deep amber-buff. A large flower of splendid form 4½ ft. 60 cts.

Dainty. Pale yellow, shading to rose-pink; a very fine flower and a free bloomer. 3 ft. 35 cts.

DIABOLO. Yellow, striped and splashed with chocolate and crimson; very unique. 4 ft. \$1.

DOROTHY. Silvery pink; very delicate; a deep, well-formed flower. 4 ft. \$1.50.

DREADNOUGHT. A giant among Cactus Dahlias; crimson and maroon, shaded. 5 ft. 60 cts.

Cactus Dahlias, continued

Dorothy Vernon. A distinct acquisition in color, being a pale, crushed strawberry color in varying shades. A very refined flower of pleasing form. 4½ ft. 25 cts.

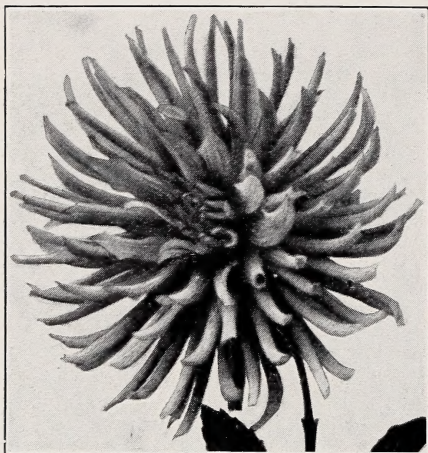
Duc d'Orleans. A beautiful Fancy Cactus. White ground, striped and splashed with bright crimson. Grand. A great improvement on Alpha. 2½ ft. 50 cts.

Ella Kraemar. Clear rosy pink, lighter at base of petals; a large flower of excellent form; free and distinct. 5 ft. 25 cts.

Elsie. Lilac-rose, shading to yellow at base of petals; a large and distinct, beautifully formed flower. 5 ft. 25 cts.

Empress of Austria. Deep velvety crimson; as large as J. H. Jackson, but petals are more massive and more incurved. Blooms profusely. 5 ft. 30 cts.

Etna. Lilac, faintly suffused violet, with yellow base to petals. 5 ft. 25 cts.



Elsie

FAIRY. Pure white, with very long and very narrow incurving petals. 3 ft. 50c.

FAUNUS. Yellowish buff, shaded and tipped with salmon; fine. 4 ft. 50 cts.

F. A. Wellesley. A large, full flower, with long, narrow and incurving florets; color light crimson-scarlet. 4 ft. 25 cts.

F. H. Chapman. A magnificent flower of grand form and largest size. The petals are extremely long, narrow and beautifully incurved. Color yellow, overlaid with deep orange. 5 ft. 35 cts.

Floradora. Wine-crimson; flower and habit the ideal of perfection. 3½ ft. 25c.

Forbes Robertson. Light orange. Rather a flat, straight-petaled variety and entirely distinct from anything of its color. A remarkably fine bloomer. 4 ft. 25 cts.

Florence. A charming shade of yellowish orange. Exceedingly free-flowering. 4 ft. 25 cts.

FLORENCE M. STREDWICK. A superb pure white variety. The flowers are large, splendidly built, and exceedingly deep, but a shy bloomer. 3 ft. 25 cts.

Galliard. Crimson-scarlet. A very large finely shaped flower, with numerous, long, narrow, quilled petals; very free. 3½ ft. 20 cts.

General Buller. Deep velvety crimson, nearly black at base, every petal having a pure white tip. 4 ft. 20 cts.

Genesta. Amber, passing to golden yellow at center; the florets are beautifully arranged and the stems long and stiff. 4 ft. 20 cts.

George Gordon. Clear yellow center, with outer petals shaded orange-bronze. of superb form, having very narrow, pointed and incurved petals. 4 ft. 30 cts.

GOLDEN QUEEN. Clear rich yellow; a large, superb flower and a fine bloomer. 4 ft. \$1.

GOLIATH. Canary-yellow, suffused salmon. A magnificent flower of splendid form and habit; one of the largest Cactus Dahlias grown, and every flower fit for exhibition. No collection of fine Cactus Dahlias is complete without this splendid variety. 5 ft. 35 cts.

Good Hope. Deep maroon, shading to crimson and tipped white; very striking. 4 ft. 50 cts.

Grandee. Glowing crimson; fine form; good. 4 ft. 35 cts.

Harbor Light. Vivid orange-red, shading to flame color at tips of petals; a beautiful deep, incurving flower of great merit. 3½ ft. 25 cts.

HAROLD HARPER. Crimson-maroon; splendid form; narrow petals. 4 ft. 35c.

Helene. Pink, shading to yellow at center. 3 ft. 35 cts.

H. E. Wood. Glowing crimson and scarlet; beautiful form. One of the best. 3½ ft. 30 cts.

HYACINTH. Yellow at base of petals, shading to mauve-pink at tips. A lovely variety. 4 ft. \$1.50.

H. J. Jones. A magnificent large flower. Color delicate primrose in center, beautifully shading to sweetest rosy pink at tips. 5 ft. 25 cts.

IGNEA. Bright crimson-scarlet; very large and peculiarly distinct in form, being entirely unlike any other variety; the flowers are of large size and much admired. 4 ft. 75 cts.

Cactus Dahlias, continued

Ianthe. Yellow-buff ground, edged and tipped pale salmon-rose; a large, slightly incurved flower, with very narrow petals of great length. 4 ft. 30 cts.

Iceberg. Ivory and white; narrow, pointed petals forming a most chaste and refined flower. 3 ft. 25 cts.

Imperator. Dark ruby-red; a fine, large flower of splendid Cactus form. 5 ft. 20c.

Ingeborg Egeland. Deep scarlet; a very large, fine flower of pleasing form 4 ft. 25 cts.

Ivanhoe. Deep bright straw-color; a large, fine flower with long narrow petals. A fine exhibition flower. 3 ft. 35 cts.

James Robertson. Deep crimson-maroon; large, handsome variety, with long, twisted incurving petals. 5 ft. 30 cts.

Jealousy. A deep, clear yellow, quite distinct from any other yellow Cactus; excellent habit. 4 ft. 25 cts.

JOHANNISFEUER. Deep, rich scarlet, with narrow, pointed petals. 5 ft. 50 cts.

J. Weir Fife. A large, beautifully formed flower; bright purple, often striped and shaded blackish purple. 3½ ft. 20c.

J. H. Jackson. The finest and largest dark Cactus in cultivation; color intense, blackish maroon; extremely long, narrow pointed petals; every bloom perfection. 4 ft. 25 cts.

J. W. Wilkinson. Deep, rosy crimson; a large flower of the most refined and beautiful shape. 4 ft. 20 cts.

Keynes' White. Pure ivory-white; one of the best of the older sorts. 5 ft. 20 cts.

Kriemhilde. Soft apple-blossom pink, with white center; a beautiful, dainty flower, but a shy bloomer. 4 ft. 20 cts.



J. W. Wilkinson

LADY COLIN CAMPBELL. Light yellow, with outer florets shaded orange; fine for garden or exhibition. 4 ft. 50c.

Lauretta. Yellow ground, deeply edged with rosy red; flowers of good size, fine habit, refined form and good alike for garden or exhibition. 4 ft. 25 cts.

Lodestone. A distinct shade of orange-scarlet or reddish apricot; a magnificent flower, with long, narrow petals. 4 ft. 25c.

Lovely Eynesford. A fine amber-colored variety; petals well pointed and habit good 4 ft. 20 cts.

LUCIFER. Deep orange-red or bronze color; a splendid large flower; one of the best of its color. 4 ft. 60 cts.

Lyric. Fiery red, shading to yellow at base of petals, which are narrow, claw-like and regularly arranged. 3 ft. 25 cts.

Mabel Needs. Orange-scarlet, slightly tinged plum-color on reverse of petals, which are elegantly incurved. 4 ft. 25c.

Mabel Tulloch. Clear rosy pink, with claw-like petals. A beautifully colored variety. 3 ft. 25 cts.

MADELINE D'ALLARD. Light rose-pink, passing to white at base of petals. A charming flower. 5 ft. 30 cts.

Major Hobbs. A very beautiful rose-color; very free, quite distinct, and an acquisition. 4 ft. 50 cts.

Manxman. Rich orange center; shading to soft scarlet with purplish tips; of fine Cactus form. 4½ ft. 25 cts.

MARJORIE CASELTON. Clear rose-pink, passing to white at center. 4½ ft. 35 cts.

Martha. Yellow center, with outer petals shading to pink; nicely incurved. 4 ft. 35 cts.



J. Weir Fife

Cactus Dahlias, continued



Mr. Seagrave

Mary Service. A pleasing tint of pinkish heliotrope, shading to yellowish brown at base of petals. 4 ft. 20 cts.

Master Carl. Clear light amber; one of the finest Dahlias of its color as well as one of the largest. 4 ft. 50 cts.

Mayor Tuppenney. Yellow, suffused with orange, and distinctly edged with light crimson; splendid Cactus form. 4 ft. 20 cts.

McKinley Memoria. Deep rose-pink, finely striped with crimson; a medium-sized flower, but a very good bloomer. 3½ ft. 35 cts.

Monarch. Orange-red, tipped magenta; very large and beautiful, with claw-like incurved florets. One of the best bloomers, but not good for cutting. 5 ft. 30 cts.

MIKADO. Bright crimson-maroon; a large flower, similar to J. H. Jackson, but having finer petals. 4 ft. 50 cts.

Miss Dorothy Oliver. Primrose-yellow, with white tips; a very refined flower. 4 ft. 35 cts.

Miss T. Cherry. A distinct shade of soft carmine-pink, passing to yellow at the base of the florets. 4 ft. 25 cts.

Miss Winchester. Coral-pink; a large flower of fine form and erect habit; one of the very best of its color. 4 ft. 25 cts.

Mme. Galliat. Coral-red; of good form, size and habit. 3 ft. 50 cts.

MME. LOUISE FERARD. A magnificent variety and a very profuse bloomer; color pure yellow, with outer petals faintly flushed with soft pink. The flowers are of great depth and beautifully incurved. 3 ft. \$1.

Mme. Patry. Glowing crimson, with purple tips; a very fine variety. 3 ft. 50c.

Mr. Seagrave. Purplish rose, on a deeper ground; the petals are long and narrow, and curl in a most irregular manner. 4 ft. 25 cts.

Mrs. A. F. Perkins. A distinct and lovely flower. Color clear sulphur-yellow, tipped pure white. 5 ft. 30 cts.

Mrs. A. Mortimer. Rich terra-cotta; a fine, distinct flower of pleasing form and good habit; very free. 3½ ft. 25 cts.

Mrs. A. Peart. Creamy white, large and fine. 4 ft. 20 cts.

Mrs. Charles Turner. Clear, bright yellow; large and fine. Often erroneously classed as a Decorative. 3½ ft. 20 cts.

Mrs. De Luca. A beautiful rich shading of yellow and orange; a lovely blending of tints; free-flowering. 4 ft. 25 cts.

Mrs. Edward Mawley. A beautiful, large, pure yellow variety of the finest incurved form, with fine, long petals. Requires thinning. 4½ ft. 25 cts.

MRS. F. TREHAWKE DAVIES. Clear rose-pink, with back of petals shaded silvery pink; very fine. 4½ ft. 35 cts.

Mrs. H. A. Needs. Rich crimson, suffused purple; blooms freely on good stems. 3 ft. 35 cts.

Mrs. G. H. Kerslake. This variety produces large, fine flowers, fully up to the English standard in type and finish. It has a very charming combination of colors, being a pretty shade of fawn-yellow, suffused with rose-pink. 3 ft. 50 cts.

MRS. H. SHOESMITH. Pure white; a splendid flower of faultless form; one of the best white varieties. 4 ft. 75 cts.



Mary Service

Cactus Dahlias, continued

Mrs. H. J. Allcroft. One of the very best Cactus varieties; color beautiful soft orange-buff. 4 ft. 35 cts.

Mrs. H. J. Jones. Scarlet, distinctly tipped white; a large, elegant, beautifully formed flower. One of the very best bi-colored varieties, and one of the very best bloomers. 4 ft. 25 cts.

Mrs. H. Wright. Crimson-maroon, deeply tipped pure white. A fine bloomer; flowers borne on stiff stems; a good variety. 4 ft. 30 cts.

Mrs. J. P. Mace. The most delicate and refined blush-pink variety in existence. The flowers are uniformly large, very deep and of exquisite form. 4 ft. 25c.

Mrs. McKergow. A lovely shade of amber or chrome; perfectly distinct from any other variety. 3½ ft. 25 cts.

MRS. STRANACK GASKILL. A delicate and beautiful shade of pink; a large, finely petaled flower of splendid form. 4 ft. 50 cts.

Mrs. Winstanley. One of the best. The color is a soft scarlet with yellow base to petals; very free. 3 ft. 20 cts.

Mrs. Wm. Cuthbertson. Deep maroon, with bright sheen. An incurved flower of ideal form, with long, narrow petals. 4 ft. 30 cts.

Octopus. Blush-white; very large; good bloomer. 4½ ft. 35 cts.

Oliver Twist. Bright crimson; petals are very finely twisted and so incurved as to almost meet in the center. 4 ft. 25 cts.

Peace. Ivory-white; of medium size, good form and habit; very good bloomer. 4 ft. 20 cts.

PINK PEARL. A charming shade of soft rose-pink, with blush-white center and tips; a distinct and pleasing color combination; flowers of medium size, but freely produced on good stems. 4 ft. 25 cts.

Porcupine. Dark scarlet-maroon; fine pointed petals. 4 ft. 20 cts.

Pretoria. A large, fine flower of perfect form, with fine, long petals curling inward at the center; color light scarlet, shaded. 4 ft. 25 cts.

Princess. Rich rosy pink, passing to yellow toward the base of the florets. A fine, large, attractive flower of pleasing and graceful form. 4 ft. 25 cts.

Queen Alexandra. Mixture of soft salmons and pinks; a lovely variety of large size. 3½ ft. 25 cts.

Queen of Yellows. Pure yellow; a large, bold flower, with long, twisted, incurving florets. 3½ ft. 35 cts.

Rainbow. A beautiful shade of soft pink, with lighter disc. The petals are perfect, long, narrow, with a slight inward curve, and the flowers are of great depth. Every flower comes up to exhibition standard. 4 ft. 35 cts. Shy bloomer.

REFEREE. Clear, bright terra-cotta; a large, handsome flower, having very finely pointed petals. 4 ft. \$1.

REINE CAROLA. Pure white; of good form and habit; a very promising new variety, possessing more than ordinary merit. 3½ ft. 50 cts.

Reliable. A combination of yellow, brick-red and salmon, blended and shaded in a very pleasing manner. A fine bold flower. 4 ft. 30 cts.



Mrs. Edward Mawley (see page 10)

REV. ARTHUR BRIDGE. Clear yellow suffused and tipped with bright rose-pink. A splendid variety. 5 ft. \$1.

REV. ARTHUR HALL. Bright ruby-crimson. A large flower of fine form. 5 ft. \$1.

Richard Dean. Vermilion-scarlet, with pure white tips; of good size and fine form. 3½ ft. 35 cts.

ROLAND VON BERLIN. Brilliant scarlet; flowers of medium size, borne on very long stems. A very fine garden variety. 2½ ft. 35 cts.

Rosy Morn. Peach-blossom pink, shaded lighter; a lovely variety. 4½ ft. 35 cts.

Rother. Dark velvety crimson; a fine variety. 3 ft. 30 cts.

Cactus Dahlias, continued

Rosea Superba. Beautiful soft rose, with lavender tints and white at center. Very fine for cutting, having stems of great length. 3 ft. 35 cts.

Sailor Prince. Glowing claret-crimson; flowers of good form, freely produced on good stems. 5 ft. 25 cts.

SCHWAN. This variety is undoubtedly the finest white Cactus yet introduced, taking into account size, form and freedom of bloom. The flowers are large; they are freely produced, and of faultless form. 3 ft. 50 cts.

Shamrock. Orange, shaded scarlet; the combination of the two tints giving the flower a distinct and pleasing character. 4 ft. 25 cts.

Sheriff Henderson. Bright rosy salmon; a beautiful color; a very fine variety. 4 ft. 30 cts.

Standard Bearer. Bright fiery scarlet, of good form and habit. 3 ft. 20 cts.



Mrs. H. J. Allcroft (see page 11)

Strahlein Krone. Deep scarlet; early and free. 4 ft. 20 cts.

Success. Glowing velvety crimson; a splendidly formed flower. A very free and dependable variety. 4½ ft. 30 cts.

Thuringia. Light orange; a splendid large flower. 4½ ft. 35 cts.

T. G. BAKER. A grand, pure yellow variety, with long, horn-shaped petals; very large and of faultless form. The best of its color. 3 ft. 60 cts.

The Pilot. Bright, terra-cotta, passing to yellow at base of petals. A beautifully formed flower. 4 ft. 30 cts.

The Queen. Delicate primrose-yellow, shading to pink at the tips; flowers of full size, erect and free. 4 ft. 50 cts.

Vesta. Beautiful rosy pink; large and finely formed. 4½ ft. 25 cts.

Victor Von Scheffel. A medium-sized flower of a delicate flesh-pink, shading to white at the center. 3 ft. 30 cts.

Viscountess Sherbrooke. Bright terra-cotta, suffused with apricot; free bloomer. 3 ft. 25 cts.

Winsome. Pure white; flowers carried on strong, erect stems; a fine variety and a splendid bloomer. 4 ft. 25 cts.

WM. MARSHALL. Rich orange, with a bright yellow center. It has very narrow petals of great length and is nearly as large as Cactus Dahlia Goliath. One of the very best. 5 ft. 60 cts.

W. B. Child. Blackish maroon with purple shadings; an extra-large flower of exquisite form. 3½ ft. 25 cts.

YVONNE CAYEUX. Pure white; an exquisite flower of beautiful form. One of the best white varieties. 3 ft. \$1.

Decorative Dahlias

A. E. JOHNSON. A delicate shade of pink; a large, handsome flower. 5 ft. 50c.

Admiral Schley. Bright crimson, with a broad white stripe through the center of each petal. 3 ft. 20 cts.

ALEXANDER DEAN. Rich crimson-maroon, of good size and form. 4 ft. 50c.

Alphonse Isore. A rich shade of garnet with backs of petals suffused violet; a medium-sized flower borne on good stems. 3 ft. 35 cts.

AMERICAN BEAUTY. A tremendous flower of a rich ruby-red color; a good bloomer and unquestionably the best of its color. 4½ ft. 60 cts.

A. J. Heffner. Clear light scarlet; large. 4½ ft. 20 cts.

ANDRE CHARMET. Reddish fawn, striped maroon; a rather small flower, but a good bloomer and very distinct and pleasing. 4 ft. 50 cts.

Black Prince. Dark velvety maroon; one of the best of the older varieties. 3½ ft. 20c.

Boisduval. A pleasing shade of violet-red; a fine variety. 3 ft. 35 cts.

CAPTAIN BARRATIER. Deep crimson shaded purple; beautiful form; extra good. 4 ft. 75 cts.

Casnova. Cardinal-red, sometimes striped yellow; fine. 4 ft. 35 cts.



Types of Decorative Dahlias

Decorative Dahlias, continued

Claribel. Rich, rosy purple; large flower with fine, long stems. 4 ft. 15 cts.

Crimson Giant. Deep crimson; fine for specimen plant, having dark, thick leathery foliage. 5 ft. 15 cts.

DELICE. Soft rose-pink, of good size and excellent form; the best pink Decorative Dahlia. 3½ ft. 50 cts.

Dolly. White, shading to flesh-pink at tips; very free. 4 ft. 15 cts.

DUC DE KOSTRITZ. A very beautiful silvery pink, in varying shades; a large flower of superb form; fine. 4½ ft. 50c.

ETOILE ROANNAISE. Color light orange, beautifully flaked and striped with orange-scarlet; a superb Dahlia of large size, fine form and finish, but a shy bloomer. 4 ft. 50 cts.

FIREBURST. A colossal Dahlia, probably one of the largest grown; color, light orange-scarlet; fine for exhibition but unsuitable for cutting. 4 ft. \$1.

Frank L. Bassett. Bright royal purple; great bloomer. 2½ ft. 15 cts.

Frederick Spittel. Scarlet, tipped white; very striking; good. 4 ft. 50 cts.

GIGANTEA. Soft, sulphur-yellow; a splendid exhibition flower. 4 ft. 50 cts.

Grand Duke Alexis. See Show Dahlias.

Henry F. Michell. Orange-red and yellow; large and fine. 4 ft. 15 cts.

Henry Patrick. Pure white; fine for cutting. 6 ft. 15 cts.

Herman Schubert. White, tipped pink; notched petals; large and distinct. 3 ft. 20 cts.

Invincible. Bright purplish magenta. 5 ft. 20 cts.

Ivah. A pretty shade of red, with serrated petals; of good size and quite free. 3 ft. 25 cts.

JEANNE CHARMET. The ground color is pure white, with each petal delicately suffused, edged and tipped with a pinkish lilac; each ligula being edged with a Picotee-edge of deep violet-red, producing a dainty and exquisite effect that defies accurate description. The flowers are from 5 to 7 inches across and are borne on stems of great length. 4 ft. 35 cts.

JOHN R. BALDWIN. A remarkably handsome variety. The flowers are uniformly large, very compact and with full, high centers. The color is a yellow-buff, with the outer half of each petal delicately suffused with red. 3½ ft. 35 cts.

Decorative Dahlias, continued

Jumbo. Deep crimson; good form and good stems. 4 ft. 20 cts.

KAISERIN AUGUSTA VICTORIA. A pure white Dahlia of large size and fine form. Fine for cutting. 4 ft. 50 cts.

LA FRANCE. A beautiful shade of rose-pink; a large, fine flower. 4 ft. 60c.

Le Chatillonis. Crimson, tipped white; fine flower. 4 ft. 35 cts.

Le Geant. A very large flower of fine form; color rich crimson-scarlet. 5 ft. 60 cts.

LE MANDARIN. Yellow in center, shading to rose-pink and striped crimson. The petals are long and flat, making the markings very conspicuous; a good bloomer. 4 ft. 50 cts.



Marocco

Louis Harriot. Lemon-yellow; a very large flower and fine for exhibition, but not a free bloomer. 4 ft. 35 cts.

Lustrous. Yellow, overlaid with salmon-pink and shaded deeper at the tips; extra good. 5 ft. 20 cts.

Lyndhurst. Deep, glowing scarlet; cleft petals. 5 ft. 15 cts.

Marchioness of Bute. White, suffused and tipped pink. 4 ft. 15 cts.

MAROCCO. Rich, deep purple, distinctly tipped white. A very dependable variety. A very striking novelty, always greatly admired; flowers of medium to large size and fully up to the standard in quality. 4 ft. 30 cts.

May Queen. Soft heliotrope-mauve, shading to pure white center. Very handsome flower. 4½ ft. 20 cts.

Minos. Dark, velvety maroon and very large. An unusually good bloomer, carrying its flowers well up on very long stems, making it one of the very best of its color for cutting. 4½ ft. 25 cts.

Mistress Douglas. Soft pink, chamois and yellow, beautifully shaded; very fine. 3 ft. 20 cts.

MLLE. ANDREE PAQUE. Pure white, distinctly bordered with violet. The petals are narrow and beautifully twisted; one of the daintiest flowers in existence. It should be given high culture. 2½ ft. 50 cts.

MLLE. G. HOSTE. Light cherry-red, tipped white; base of petals yellow. A medium-sized flower, but a very good bloomer and entirely distinct from any other variety. 3 ft. 35 cts.

Mlle. Helene Charvet. A superb variety of giant size, but rather sparing of its bloom. It will amply repay extra attention, both in cultivation and protection from the elements. The color is pure white, with an occasional flesh tint. 4 ft. 35 cts.

MLLE. LAURENCE CHABANNE. White suffused pink and striped crimson-purple. A large flower having fringed petals; grand. 2½ ft. \$1.

Mlle. Lorton. Clear canary-yellow, shaded deeper at center. 4 ft. 20 cts.

Mme. A. Lumiere. A very distinct and pleasing variety, being unique in its coloring. The flowers are of medium size, pure white and distinctly tipped violet-red, making a fine and rather startling contrast. 4½ ft. 35 cts.

MME. AYMARD. A beautiful shade of mauve; flowers of good size and beautiful form; the best variety of its type and color. 3 ft. 60 cts.

Mme. Burel. A beautiful Fancy Decorative. The color is silvery lilac, beautifully striped with crimson-purple. 5½ ft. 25 cts.

MME. GAUTHIER. White ground, delicately suffused with rose-lilac. A large distinct and beautiful flower. 3 ft. 60c.

MME. MARZE. A magnificent large, pure white variety of faultless form, that will probably supersede all other white Decoratives. 5 ft. 75 cts.

Mme. Van den Dael. A magnificent Dahlia of large size and beautiful outline, composed of long, broad, flat, silvery pink petals most artistically arranged. 3 ft. 30 cts.

MME. VERCROYSEN. Yellow, heavily striped scarlet. A splendid bloomer and a remarkably handsome flower. 3 ft. 50 cts.

Decorative Dahlias, continued

MME. VICTOR VASSIER. Clear, bright yellow; a large, fine flower. 5 ft. 50c.

Mon. Hoste. This is another grand variety of very large size and faultless form. The color is a bright carmine-rose; very beautiful. 4 ft. 35 cts.

Mon. Octave Lemaitre. Light yellow, suffused with rose-pink; a handsome and finely formed flower. 3 ft. 35 cts.

MRS. L. CRASSART. Varying shades of pink, beautifully blended and lightly striped scarlet. A fine acquisition. 4 ft. 75 cts.

Mrs. Roosevelt. See Show Dahlias.

Mrs. Winters. A very large, pure white variety, with full, high center; one of the best exhibition sorts. 3 ft. 20 cts.

Oban. Rosy lavender, suffused silvery fawn; large. 5 ft. 15 cts.

Papa Victor. Clear bright purple; one of the best purple Decoratives. 4½ ft. 35 cts.

PAPA CHARMET. A magnificent large flower of a deep, velvety coral-red color, overlaid with a much darker shade, giving the flower a rich crimson-maroon color. The very best Decorative Dahlia of its color. 5 ft. 50 cts.

Professor Mansfield. Light yellow and red, with each petal tipped white; very large and fine. 4 ft. 35 cts.

Red and Black. Deep wine-red, heavily margined dark maroon; fine. 7 to 9 ft. 20 cts.

Salmon Queen. Deep rich salmon. 3½ ft. 15c.

Source de Feu. Deep orange, splashed and streaked with vermilion; the most dazzling color imaginable. The flowers are large, loosely formed and quite distinct from those of any other variety. The plant is a slow grower and shy bloomer unless given rich soil and high culture. 3 ft. 30 cts.

SOUVENIR DE MA MERE. Amber, suffused pink at center, passing to yellow at outer petals. Very distinct and fine; nothing else like it. 3½ ft. 75 cts.

Souvenir de M. Silvent. Yellow, suffused and striped carmine; very large and a good bloomer. 4 ft. 50 cts.

SOUVENIR DE GUSTAVE DOAZON. This new French variety is undoubtedly the largest Dahlia grown. It is a remarkably free bloomer for a variety producing such gigantic flowers, many of which are from 7 to 8 inches in diameter. The color is a pleasing shade of bright orange-red. For massive decorations it is simply incomparable. 5½ ft. 25 cts.



Souvenir de Gustave Doazon

SOUVENIR DE MME. BLONIN. Clear bright cerise; a large, beautiful flower. A grand acquisition. No better bloomer in the list. 4 ft. 50 cts.

Torpille. White, striped and speckled crimson; fine. 4 ft. 50 cts.

Vice President David. Soft red, tipped white; of good form and habit. 5 ft. 50c.

VILLE DE MANTES. Bright crimson, distinctly tipped white; a large, striking flower and a splendid bloomer. One of the very best varieties. 4 ft. 75 cts.

MR. ELA,

Dear Sir:—I received the bulbs in good condition. They were the best I ever received, and were packed in good shape.

WILLIMANTIC, CONN.

DUNCAN C. PEACOCK.

Decorative Dahlias, continued

VILLE DE LYON. A blending of soft pink and white. A very large flower, similar in form and color to Mrs. Roosevelt, but more refined and artistic; elegant. 5 ft. \$1.

Wm. Agnew. Rich, dazzling red. A grand, large flower of fine form and one of the very best of the older varieties. 4 ft. 15 cts.

Volunteer. A fine large flower, similar in form and color to Decorative Dahlia Oban, but a little darker in color, the center being magenta, shading to deep fawn at the outer petals. 4 ft. 35 cts.

YELLOW COLOSSE. Rich, bright yellow; in form almost identical with Le Colosse, and one of the best of its type and color. 4 ft. \$1.



Types of Show and Fancy Dahlias

Show and Fancy Dahlias

Fancy Dahlias, as a class, are extremely variable in color, many of them being utterly undependable in some localities, as far as fancy flowers are concerned.

Quite a few varieties come solid or self-colored so persistently that a fancy flower is an exception rather than the rule.

However, about one-half of this class—possibly more—are quite constant and may be depended upon to produce, in varying proportions, flowers true to the type. And there are quite a number that scarcely ever break from the true type, and may be relied upon almost to a certainty, having apparently attained nearly a fixity of type. But such constancy as this is a striking exception to the general rule and is limited to comparatively few varieties. When a flower of this class shows but one color, it is almost invariably the color of the stripe or splash in the fancy flower. This explanation should make it clear to those who may have wondered why some of their Fancy Dahlias failed to come true to the catalogue description when they came into bloom.

NOTE.—The term "Fancy Dahlia" is often somewhat misleading to those not

Show and Fancy Dahlias, continued

versed in Dahlia lore, conveying in many instances an erroneous idea of superiority. The word "fancy" in Dahlia parlance is used as a class distinction only, denoting no particular degree of excellence, and is applied to all bi-colored varieties that are marked in accordance with the rules governing this class. In most cases it would be more clearly expressed by the more common and more expressive word "variegated." But some variegated Dahlias are not fancy, hence the designation, "Fancy Dahlia."

ABBREVIATIONS.—The class to which each variety belongs is indicated by the letter following the name, thus: S, Show; F, Fancy.

ACQUISITION. S. Deep, rich shade of lilac; a large, well-built flower, borne on long stems; the finest of its color. 5 ft. 35 cts.

A. D. Livoni. S. Beautiful, soft sea-shell pink; one of the very best pink Show Dahlias. 4 ft. 15 cts.

Alice Emily. S. Delicate buff-yellow; fine flower. 4 ft. 20 cts.

A. M. BURNIE. S. Dark orange ground, shading to yellow toward the edges. 4 ft. 50 cts.

Arabella. S. Pale primrose, tipped and shaded with old-rose and lavender. 4 ft. 15 cts.

Arthur Ocock. S. Reddish orange, large and of fine form. 5 ft. 35 cts.

BOTANISTE VALLANT. F. Lilac lightly speckled crimson; fine. 4 ft. 50 cts.

B. DELAIRE. S. A beautiful pure white variety of good size and fine form. 4 ft. 35 cts.

Champion Rollo. S. Dark orange; fine, large flowers. 5 ft. 25 cts.

CHATVYANT. F. Yellow, shaded red and tipped white; fine. 4 ft. 50 cts.

Colonna. S. Flesh, shaded rose; one of the finest dwarf varieties; very large. 2 ft. 20 cts.

Crimson Ball. S. Bright crimson-purple $3\frac{1}{2}$ ft. 15 cts.

Dawn of Day. S. Buff, tipped amber. 4 ft. 15 cts.

Dorothy. F. Fawn, flaked and striped with dark maroon. 3 ft. 25 cts.

Dr. J. P. Kirkland. S. Dark crimson; large. 6 ft. 15 cts.

Dr. Keynes. S. Reddish buff; a very large flower and a perfect model of the Show type. $4\frac{1}{2}$ ft. 50 cts.

DUC DE CAZES. S. Yellow, tipped red; fine striking flower. 4 ft. 50 cts.

Duchess of Albany. F. Pale orange, splashed with crimson. 3 ft. 25 cts.

Edith. F. Bright red, distinctly tipped pure white. 4 ft. 20 cts.

ELBERTON. S. Deep orange-red; a very large, full flower, with a high center; there is nothing better in this color. 4 ft. 35 cts.

E. POTTS. S. Crimson-maroon; a fine, large, constant flower. 3 ft. 30 cts.

Esmond. S. Clear, bright yellow; one of the largest and finest yellow Show Dahlias. $4\frac{1}{2}$ ft. 30 cts.

Ethel. F. Large, yellow, tipped with white. 4 ft. 20 cts.

Fascination. S. Light ground, heavily suffused lavender-pink. $4\frac{1}{2}$ ft. 20 cts.

Florence Tranter. S. Blush-white, distinctly edged rosy purple; a grand flower. 4 ft. 25 cts.

Frank Smith. F. Rich, dark maroon, shading through pink to a pure white tip. 5 ft. 30 cts.

General Grant. F. Orange, with bold chocolate stripes. 3 ft. 25 cts.

GLADIATEUR. S. Silvery lilac, with violet shadings; a large, finely formed, high-class flower. 4 ft. 50 cts.

Globe de Mantes. S. Bright scarlet; one of the best in cultivation; a perfect model. 4 ft. 25 cts.

Gloire de Lyon. S. Pure white; very large. 5 ft. 20 cts.

GOLD MEDAL. F. Bright canary-yellow, regularly marked with very fine stripes and splashes of deep red. 4 ft. 35 cts.

Grand Duke Alexis. S. Pure satiny white, delicately tinted lavender-pink in the center; very large. $4\frac{1}{2}$ ft. 20 cts.

Grand Sultan. F. Salmon-buff, striped red. $4\frac{1}{2}$ ft. 20 cts.

Hercules. F. Yellow, striped and speckled crimson. 3 ft. 20 cts.

H. W. Ward. S. Yellow ground, heavily edged and shaded deep crimson. 3 ft. 20 cts.

Incomparable. S. Yellow, edged claret. 4 ft. 20 cts.

James Cocker. S. A large purple; a most constant flower. 4 ft. 20 cts.

James Service. S. Dark crimson maroon. 5 ft. 20 cts.

Jessie McIntosh. F. Red, with distinct white tip. $4\frac{1}{2}$ ft. 20 cts.

John Bennett. S. Yellow, deeply edged scarlet. 3 ft. 20 cts.

JOHN DOEHLER. F. Yellow-buff, striped crimson. 3 ft. 35 cts.

Show and Fancy Dahlias, continued

John Forbes. F. Fawn, striped maroon. 3 ft. 30 cts.

John Sladden. S. Dark maroon. 5 ft. 20 cts.

John Thorp. S. Light rose-pink. 4 ft. 20 cts.

John Wyatt. S. Crimson-scarlet; large flower. 2½ ft. 20 cts.

KEYNES' A-1. S. Clear, bright yellow; a very fine flower of perfect shape. 4 ft. 50 cts.

Keystone. F. Pinkish lilac. Striped crimson. 4 ft. 15 cts.

Lady Allington. F. Deep crimson, tipped white. 4½ ft. 25 cts.

LE VANQUER. S. Very large, pure yellow; of perfect form. Extra good. 4 ft. 50 cts.

Lottie Eckford. F. White, beautifully, striped with purple. 3 ft. 20 cts.

Lucy Fawcett. F. Light yellow, striped and penciled rosy magenta. 5 ft. 15 cts.

M. DELAMAIRE. S. Clear rich orange; the best of its color. 3 ft. 50 cts.

M. SOMERS. S. Pinkish lilac; an extra-large, finely built flower. 3 ft. 35c.

Mabel. F. Lilac, striped crimson. 3 ft. 25 cts.

Mad. Charles Molin. F. Orange, striped rosy red. 4 ft. 20 cts.

Madge Wildfire. S. Bright scarlet, with serrated petals. 3½ ft. 15 cts.

Mad. Heine Furtado. S. Pure white; very large. 3 ft. 30 cts.

Mad. Moreau. S. Very large; deep pink. Fine long stems. 4 ft. 25 cts.

MARGUERITE ROUSSEAU. S. Flesh-pink with white center; of good size and fine form; a beauty. 4 ft. 50 cts.

MARQUIS D'ESTRESS. S. Cream-white, lightly suffused pink and deepening at outer edges; large and fine. 4 ft. 50c.

Matthew Campbell. F. Bright buff or apricot, striped with crimson. 3 ft. 30c.

Memorandum. S. Rich lavender-pink; large; shy bloomer. 4 ft. 20 cts.

Meteor. S. Bright scarlet; very large. 5 ft. 15 cts.

MISS BARBOUR. S. White, heavily tipped reddish purple. Fine. 3½ ft. 35c.

Miss Marsh. S. Rose and white; fine for cutting. 4 ft. 15 cts.

Miss Ruth. F. Yellow, tipped white. 3 ft. 25 cts.

MME. LE MARQUIS DE HAUTERVILLE. S. A lovely pure white variety of faultless form; one of the very best 4 ft. 50 cts.

Mme. Le Clerc. S. Pure yellow; very distinct, being quilled similar to Grand Duke Alexis. 3½ ft. 35 cts.

MME. LOUISE BAUDVILLE. S. White, lightly suffused lilac in the center; a dainty, refined flower. 3 ft. 50 cts.

Modesty. S. Blush, with light center. 4 ft. 15 cts.

MON. BORIES. F. Maroon-crimson, shading through pink to pure white at tips of petals; very striking. 3 ft. 50 cts.

Mr. Glasscock. S. Very fine purple. large. 2½ ft. 30 cts.

MR. LEFEBVRE. F. Reddish-fawn, spotted and striped bright crimson; flowers are extra-large, of splendid form and borne on fine long stems. 4½ ft. 35c.

MR. ROUILLAUD. S. Soft, light pink, shaded deeper; a medium-sized flower, but a splendid bloomer. 5 ft. 35 cts.

Mrs. Campbell. S. Pale yellow, shaded fawn; large, handsome flower. 3 ft. 25c.

Mrs. Glasscock. S. Very large, pure white. 2½ ft. 25 cts.

MRS. ROOSEVELT. S. Delicate soft pink; very large and showy. 4 ft. 35 cts.

Mrs. Saunders. F. Clear, rich yellow, tipped white. 4 ft. 15 cts.

Mrs. W. Slack. S. Blush-white, edged purple. 4 ft. 20 cts.

Nero. S. Crimson-maroon; good stems. 5 ft. 15 cts.

Norma. S. Bright orange-buff; fine large flowers. 4 ft. 20 cts.

Octavia. S. Yellow, shaded and tinged rosy purple. 3 ft. 20 cts.

Ohio. F. Lilac, heavily striped deep crimson. 3½ ft. 15 cts.

Penelope. S. Pure white, beautifully flaked with soft lavender in the center; fine long stems. 3½ ft. 15 cts.

Philippe VII. S. A beautiful shade of magenta. 4 ft. 30 cts.

POLLY SANDELL. F. Varying shades of yellow, blotched and tipped with white; very unique; fine. 3 ft. 35 cts.

Queen Mab. F. Scarlet, tipped white; very variable. 4 ft. 15 cts.

Rebecca. F. Lilac, striped crimson. A very fine large flower. 3 ft. 20 cts.

REINE CHARLOTTE. S. Purple, with violet tints; very large and extra fine. 3½ ft. 35 cts.

Ronald. S. A pleasing shade of buff. 4½ ft. 15 cts.

R. T. Rawlings. S. Clear yellow; one of the best. 3½ ft. 20 cts.

Ruby Queen. S. Ruby-red, richly shaded. Fine bloomer. 4½ ft. 15 cts.

Show and Fancy Dahlias, continued

SILVIO. S. Yellow, deeply tipped red. Large and fine. 4 ft. 25 cts.

Sirdar. S. Deep crimson. A splendid large flower of fine form. 4 ft. 30 cts.

Snow. S. Large, pure white flowers of good form. 3 ft. 15 cts.

S. Mortimer. F. Deep rose, striped crimson; fine bloomer. 3 ft. 25 cts.

Souvenir. F. Creamy white, edged bright red; large, shell-like petals. 3½ ft. 20 cts.

Stanley. F. Yellow, finely striped with scarlet. 3 ft. 20 cts.

Sunset. F. Yellow, flaked and striped scarlet. 2½ ft. 30 cts.

The Ameer. S. Large, dark, maroon-shaded rosy purple. 3 ft. 25 cts.

Thomas Pendered. S. Bright yellow; a fine large, solid flower. 3½ ft. 30 cts.

Uncertainty. F. Carmine, crimson-maroon and white; very variable. 3 ft. 15 cts.

VICOMTE DE CRUZ. S. Bright orange-red; a beautifully quilled variety. 3½ ft. 50 cts.

Virgo Saneta. S. Large, pure white flowers, borne on good stems; very free bloomer. 4 ft. 20 cts.

Walter Spriggs. F. Pale yellow, finely striped with scarlet; very constant. 3 ft. 30 cts.

Wenonah. S. Crushed strawberry. 4½ ft. 15 cts.

White Queen. S. A pure white flower of perfect form. An early and continuous bloomer. 3 ft. 20 cts.

White Swan. S. Pearly white; fine for cutting. 4 ft. 15 cts.

Wm. Fawcett. S. Large yellow, edged purple. 4 ft. 15 cts.

Wm. Neate. S. Reddish fawn; excellent form. 3 ft. 20 cts.

Wm. Wyeth. S. Rich, dark crimson; a large, full flower. 3 ft. 25 cts.

W. W. RAWSON. S. A beautiful flower, similar in form and color to Grand Duke Alexis, but having a high center and better form and stems. The ground color is pure white, delicately suffused with soft lavender. 4 ft. 50 cts.

Pompon Dahlias

ACHILLES. Charming shade of pink. 2½ ft. 15 cts.

Aillett's Imperial. White, suffused pink, tipped imperial purple. 3 ft. 15 cts.

Alewine. Delicate lavender-pink, tinted lilac. 2½ ft. 15 cts.

Apple Blossom. Red, shading to white. 3 ft. 20 cts.

Ariel. Orange-buff. 3 ft. 15 cts.

BEATRICE. Light pink, shaded lavender. 2½ ft. 20 cts.

Bobby. Deep plum or claret color. 3½ ft. 15 cts.

Brunette. Crimson, sporting white. 3½ ft. 15 cts.

Catherine. Bright yellow. 3 ft. 15 cts.

Cheerfulness. Old gold, tipped crimson. 4 ft. 15 cts.

China Pink. Deep pink. 2½ ft. 15c.

Crimson Beauty. Deep, rich crimson. 4 ft. 15 cts.

Darkness. Dark maroon. 4 ft. 15 cts.

Daybreak. Light pink; similar to Day-break carnation. 3 ft. 15 cts.

Dr. Jim. Light ground, heavily edged with purple. 3 ft. 20 cts.

Elfin. Primrose-yellow. 3½ ft. 15 cts.

Fashion. A pretty shade of orange. 3 ft. 15 cts.

Garnet King. Garnet. 3 ft. 20 cts.

GEORGE BRINKMANN. Pure white. 3 ft. 20 cts.

Goldfinch. Pure yellow. 4 ft. 15 cts.

Gross an Wien. Crushed strawberry. 3 ft. 15 cts.

Guiding Star. Pure white, with finely quilled, notched petals. 3½ ft. 20 cts.

Hedwig. Reddish golden brown. 3 ft. 15 cts.

Hedwig Pollwiz. Scarlet and white. 3 ft. 20 cts.

HILDA SEARLE. Bright orange. 3 ft. 15 cts.

Iolanthe. Orange-buff, often blotched white. 3 ft. 20 cts.

John Lucaks. Orange, red and white. 3 ft. 15 cts.

Juliet. Yellow, shaded orange. Often tinged red. 4 ft. 15 cts.

Klein Domatia. Rich orange-buff. 2½ ft. 15 cts.

Little Beauty. Delicate shrimp-pink. 3 ft. 15 cts.

Little Frank. Light yellow, edged carmine. 3½ ft. 15 cts.

Little Prince. Crimson, tipped white. 3 ft. 15 cts.

Marguerite. Rosy lilac. 3½ ft. 15 cts.

Pompon Dahlias, continued

- Mars.** Bright scarlet. 3 ft. 15 cts.
Martin Burrowes. Rich purple. 3½ ft. 20 cts.
Mercury. Reddish salmon, heavily tipped white. 3 ft. 20 cts.
Minnie. Buff-salmon, tipped purple. 3 ft. 20 cts.
Miss Lou Kramer. Pink, shading to yellow at bas of petal. 3 ft. 15 cts.
Model. Light amaranth. 4 ft. 15 cts.
NELLIE BROOMHEAD. A beautiful mauve, with lighter ground. 3 ft. 20 cts.
Prince Charming. Creamy white, suffused and tipped purple-pink. 4 ft. 15c.
Rachel. Reddish purple. 4 ft. 15 cts.
Raphael. Maroon-crimson. 3½ ft. 20c.
Rim of Gold. Scarlet, with distinct gold tips. 3½ ft. 15 cts.
Red Indian. Deep coral-red. 3 ft. 15c.
Rosalie. Primrose, often tinted and edged pink. 3 ft. 15 cts.
ROSEBUD. White, edged bright rosy pink. 3½ ft. 20 cts.
Rougiere Chauviere. Crimson, pink and white; very variable. 2½ ft. 20 cts.
Royal Purple. Fine shade of purple. 3½ ft. 15 cts.
Snowclad. White; very small. 2½ ft. 15 cts.
SUNNY DAYBREAK. Pale apricot, edged rosy red. 3 ft. 20 cts.
Vivid. Bright orange-scarlet. 3 ft. 15c.
Winifred. White, edged and tipped lavender-pink. 4 ft. 20 cts.
ZOAR. Yellow, edged salmon and pink. 2 ft. 20 cts.

Single Dahlias

Including the Holland Peony-Flowered Varieties

- ALBA SUPERBA.** Pure white, of large size and fine form; a strong, vigorous grower, of branching habit. 5 ft. 20 cts.
Bonanza. Creamy white, splashed lavender-pink and striped bright red. 4 ft. 15 cts.
Captivation. A fine single Cactus, with long, narrow petals. Color rich crimson-maroon; extra good. 3 ft. 20 cts.
Catherine Hayes. White, suffused flesh and striped pink; a large, beautiful flower, with narrow, twisted and incurved petals. One of the best Fancy Cactus varieties. 5 ft. 20 cts.
Cloth of Gold. Light yellow. 4 ft. 15 cts.
COQUETTE. Deep cerise-pink, sometimes edged deeper. A beautiful, large flower. 4 ft. 25 cts.
Crimson Century. Glowing crimson, with reverse of petals shaded lighter. 4 ft. 25 cts.
Dauntless. A large flower, having broad, flat petals, varying in color from silvery pink to deep rose and elegantly striped crimson-maroon. 4½ ft. 20 cts.
DR. K. W. VAN GORKOM (Peony-flowered). White, shaded rose. 5 ft. 30c.
Edith Owen. Clear, soft flesh-pink, showing no lavender tints; beautiful foliage. 5 ft. 20 cts.
Elite. A pure white Cactus; long, narrow florets. 5½ ft. 20 cts.
EMPRESS. A seedling from 20th Century, and one of the finest of its color. A lovely shade of rose-pink; large and beautiful; a magnificent variety. 3 ft. 25 cts.
Falcon. Reddish purple, with white disc around the center; a large flower, in which the color contrast is both striking and beautiful. 4 ft. 20 cts.
Fedora. Large, bright yellow, heavily striped bright red. 3½ ft. 15 cts.
Florence Dare. Deep rose-pink; with a purplish tinge, striped crimson-maroon. A large flower, with long, rather narrow petals slightly twisted; distinct and fine. 5 ft. 25 cts.
Germania. Peony-flowered. Wine-crimson, shaded darker. 4 ft. 30 cts.
Gracie. An exquisite new variety of large size and perfect form; color delicate blush-pink. 4½ ft. 20 cts.
GLADYS. Clear soft pink, showing no lavender nor purple tints. A great improvement on "Phœbe Gilbert," being much larger and finer in every way. 5 ft. 30 cts.
Helen Jewett. A lovely shade of clear, soft rose-lake; undoubtedly one of the very best varieties of its color. 5 ft. 20 cts.
Ideal. Yellow, heavily striped rich crimson. 3 ft. 15 cts.
John Cowan. Soft crimson, shaded maroon. 4½ ft. 15 cts.
John Downie. Intense, glowing crimson-scarlet. 4 ft. 15 cts.
Lord Goff. Pearly white, passing to soft rose at tips; extra long, closely rolled petals; exquisite Cactus form. 5½ ft. 20 cts.
Man Friday. Deep maroon, almost black. 5 ft. 15 cts.

Single Dahlias, continued

MARGARET PERKINS. One of the most beautiful varieties of recent introduction. The flowers are very large, have rather pointed petals, are wide, but not overlapping, and are borne on very long, stiff stems. The color is pure white, with about one-half of each petal tipped with bright pink; first flowers being tipped cerise-pink, and, like 20th Century, of which it is a seedling, growing steadily lighter as the season advances, becoming a clear, soft pink late in the season. 5½ ft. 35 cts.

Miss Southworth. White, lightly suffused and distinctly edged pink. A large and handsome flower. 5 ft. 25 cts.

Mrs. Bugbee. Silvery pink, shaded rose and finely striped with crimson. A magnificent variety of exceptional merit, undeniably one of the best Fancy Cactus varieties to date. 5 ft. 20 cts.

Mrs. Evans. White, flushed pink and finely striped and spotted crimson; a dainty and charming variety. 5 ft. 20c.

Oriental. Bright yellow, lightly striped red. 3½ ft. 15 cts.

Paul. Very bright and pleasing. White, margined rosy crimson; finely formed flowers with long stems; one of the best. 4 ft. 20 cts.

PAUL KRUGER. (Peony-flowered.) White, suffused and marked lake-red. 4½ ft. 35 cts.

Peerless. An unusually fine variety, which is always greatly admired by those who like striped varieties. Color white, shaded flesh, striped and mottled rose; the petals are rather narrow and slightly reflexed. 5 ft. 20 cts.

PINK BEAUTY. Clear lavender-pink; a most beautiful flower, as large as 20th Century. An acquisition of much merit. 4 ft. 25 cts.

President Viger. (Collarette Dahlia.) Deep blood-red, with a pure white collar of short, narrow florets around the yellow center. 3 ft. 20 cts.

Queen Emma. (Peony-flowered.) White, suffused soft lavender. 4 ft. 30c.

Sachem. Crimson-maroon, with yellow ring around the center. 5 ft. 15 cts.

SIR DE PARIS. A giant among Single Dahlias. Pure white with long and rather narrow petals; a superb variety. 5 ft. 50c.

Siren. Crushed strawberry, crimson and yellow. 3 ft. 15 cts.

SOUVENIR DE FRANZ LISZT. (Peony-flowered.) Reddish purple, with a pure white disc around the center; flowers 6 to 7 inches in diameter. A variety of exceptional merit. 5 ft. 35 cts.

Sunningdale Yellow. Golden yellow. 5 ft. 15 cts.

Theris. Pink and white. 5 ft. 15 cts.

Thomas Beckett. Crimson-lake, with bright yellow ring. 5 ft. 15 cts.

Triumph. A beautiful Cactus variety, with fine narrow petals; color rich velvety maroon; one of the very best of its color. A grand variety. 3 ft. 20 cts.

WHITE CLOUD. Pure satiny white, of large size, with broad, flat, overlapping petals; a noble flower in which are combined both size and quality. Easily ranks as one of the very best white varieties. 4 ft. 50 cts.

Wild Rose. Soft rose-pink, with fern-like foliage. 6 ft. 15 cts.

20th Century. A beautiful Dahlia of the largest size and one of the very best. Color bright rosy crimson, with base and tips of petals pure white, the color grows lighter as the season advances, becoming blush-pink late in the fall. 4½ ft. 20 cts

Testimonials

EDGAR W. ELA, Woburn, Mass.

Dear Sir:—I am in receipt of your box of Dahlia roots. A man who does things as methodically and thoroughly well as you do is deserving of success and is quite certain to multiply friends. I thank you, both for your generous treatment of my order and the promptness in filling it so highly to my satisfaction. You certainly are an expert in packing and I would not forget to say, in keeping roots sound and dormant.

I wish you success, and you, undoubtedly, will hear from me from time to time whenever in need of anything in your line.

EDGAR W. ELA, Woburn, Mass.

Dear Sir:—I received the box of Dahlias from you some days ago and they came in fine shape. I wish to say that your Dahlias were put up and arrived in better order than any I have ever received. Probably, another season, you may hear from me or my friends. Much obliged for the extras you put in.

Mr. EDGAR W. ELA, Woburn, Mass.

Dear Sir:—I have paid no bill this year with more pleasure than the one for which I enclose my check. They were the finest lot of Dahlia bulbs I ever saw and perfectly packed. Why three of them have not started I do not know, but shall expect to see them later.

Yours truly,

CHICAGO, ILL.

J. C. F. MERRILL.

CHICAGO, ILL.

Yours truly,

W. S. SEAVENS.

WATERTOWN, MASS.

ORLEND O. DIMICK.



Cactus Dahlia, Richard Dean (see page 11)

Testimonials

EDGAR W. ELA, Woburn, Mass.

Your consignment of Dahlias reached me in splendid condition. In all my dealings, never saw finer tubers. I do hope the blossoms will do your stock the credit the specimens indicate.

EDGAR W. ELA, Woburn, Mass.

Dear Sir:—Dahlia tubers received in fine condition and all grew except Winsome. When they bloom, you will hear from me. Your tubers are the most satisfactory I have ever received.

MR. ELA.

Dear Sir:—Your Dahlia bulbs received. I am more than pleased with them; they are the finest ones I ever purchased. Many thanks for the extra ones.

EDGAR W. ELA.

Dear Sir:—The box of Dahlia roots from you arrived in very good season, and I must compliment you on the fine roots and particularly on the splendid condition of them. I may add that you gave me very liberal return for my money.

NORTH LONG BRANCH, N. J.

THEO. W. MOSES.

TACOMA, WASH.

MICHAEL DOWD.

DOVER, N. H.

MISS HENRIETTA GUPPEY

CHICAGO, ILL.

Yours truly, ROBERT BEBB.



Single Dahlias



GOLD MEDAL

Awarded to Edgar W. Ela, for growing exhibit of Cactus Dahlias
Alaska-Yukon Pacific Exposition, Seattle, 1909